



# STINGRAY 10073

## SPECIFICATIONS

### Standard Features & General Construction:

- Green Technology: Closed Loop Zero Discharge
- Swing Door Retracting Turntable for Maximum Access
- Electronic Water Level Control & Refill
- Oscillating Wash Manifold to Maximize Cleaning
- Easy to Service Front Wash Pump Suction Strainer
- Adjustable Electronic Temp Control, Temp Gage
- Control Transformer External of Panel minimizes Heat
- Programmable 24 Hour 7 Day Clock
- Low Water Shut-Off Protects Pumps & Heating System
- Electronic Door Safety Interlock
- Wash Cycle Timer with Auto Reset
- Heavy gage 1/4 inch Sheet Steel Cabinet Thickness
- 230 V or 460 V- 60 Hz 3-Phase with 120 V Controls
- Chemical Resistant Two Part 3 mil Epoxy Coating

### Spray Manifold:

#### OSCILLATING NON- SYNCHRONOUS

Angle of Oscillation:	40 degrees
Frequency of Oscillation:	4 per minute
Number of Wash Nozzles:	24
Type of Nozzle:	Vee-Jet
Nozzle Material:	316 Stainless
Nozzle Spray Pattern:	25 degrees

### Overall Dimensions:

Width: (Std Unit)	156 inches
Depth: (Std Unit)	132 inches
Height:	137 inches
Empty Weight:	18,000 lbs
Reservoir Capacity:	920 gallons
Duplex Reservoir -	Add 47 gallons
Sludge Capacity:	260 gallons

### Work Area Dimensions:

Turntable Diameter:	100 inches
Work Height:	73 inches
Table Load Capacity:	10,000 lbs
Heavy Duty Capacity:	20,000 lbs

### Heat System:

Operating Temperature:	140 - 190 degrees F
Initial Heat-Up Time:	90 - 120 minutes
Element Size:	120 kW
Gas/Propane Eclipse 80% Eff	950,000 BTU
222 kW Equivalent Electric Heat	

### Electrical:

Wiring Standard:	NFPA 79	Motor Rating:	Continuous Duty
Motor Starters:	Across the line	Motor Enclosures:	TEFC
Short Circuit Protection:	Std	Electrical Enclosures:	NEMA 12
Overload Protection:	Std	Wiring Conduit:	Flex- Non-Metallic
Motor Type:	Energy-Efficient	Conduit Type:	Liquidtight NEMA12

### Pump System & Performance:

High Efficiency, Rated for continuous duty (20 Start/hour without overheating), vertical, centrifugal, seal-less, balanced, enclosed impeller.

**Note: All performance data taken at nozzle discharge.**

#### STANDARD:

	<b>30 hp</b>
Total System Flow:	343 gpm
Flow per Nozzle:	14.3 gpm
System Pressure:	121 psi
Blast Velocity:	133 ft/sec

#### UPGRADES: (Duplex)

	<b>55 hp</b>	<b>70 hp</b>
	399 gpm	431 gpm
	16.6 gpm	18.0 gpm
	163 psi	190 psi
	155 ft/sec	168 ft/sec

Results may vary based on machine configuration.



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